

Minutes of the North Carolina Building Code Council
June 11, 2012
Raleigh, NC

All members of the North Carolina Building Code Council were present for the Council Meeting with the exception of Ed Moore, Al Bass, Kim Reitterer and Paula Strickland.

The following are summary minutes. The official minutes of this meeting are recorded on CD. Anyone desiring verbatim CDs or excerpts from these CDs should contact the Engineering Division of the NC Department of Insurance for information and reproduction costs. The next scheduled NC Building Code Council meeting will be held September 10, 2012. The location will be announced 30 days before the meeting.

Part A – Administrative Items

Item A – 1 Ethics Statement: Inquire upon conflicts of interest or appearance of conflicts of interest that exist within the Council.

There were no actual or potential conflicts of interest noted.

Item A – 2 Approval of minutes of the March 12, 2012 NC Building Code Council Meeting.

A motion to accept the March 12th meeting minutes was made and the minutes were approved.

Item A – 3 City of Concord Local Fire Code Ordinance

Alan Perdue moved to postpone this item until the September BCC meeting. Being seconded by Lon McSwain, the motion was approved.

Item A – 4 Town of Winterville Local Fire Code Ordinance

Motion – Alan Perdue/Second – Lon McSwain/Approved – The request was granted unanimously.

Item A – 5 Rules Review Commission Meeting Report

Barry Gupton reported that there were no D-Items to submit to the RRC from the March BCC meeting. The public comment period for the June BCC C-Items expires on July 16, 2012. OSBM approval will be required prior to adoption on these items at the September BCC meeting. The BCC posts notices of Rule-making in the NC Register and on the BCC webpage. Staff was made aware of an additional posting requirement with the Secretary of State acknowledging BCC compliance with the open meetings law.

Item A – 6 Public Comments

There were none.

Part B – New Petitions for Rulemaking

The following Petitions for Rulemaking have been received since the last Council meeting. The Council will vote either to deny or grant these Petitions. The Council will give no further consideration to Petitions that are denied. Petitions that are granted may proceed through the Rulemaking process. The Council may send any Petition to the appropriate committee. The hearing will take place during or after the September 2012 meeting.

Item B – 1 Request by Myron Cashwell, Sampson County, to amend the 2012 NC Building Code, Section 903.2.8. The proposed amendment is as follows:

Add Exception to 903.2.8 of the North Carolina Building Code, Volume I

Any Group R Fire area meeting all of the following conditions:

1. Less than 1200 square feet area
2. Single story at grade construction
3. Two remote exits
4. Minimum III B Construction

Motion – Alan Perdue/Second – Ralph Euchner/Granted – The request was granted unanimously and sent to the Building/Fire Committees for review.

Item B – 2 Request by Robert Hall, Loganville, Georgia, to amend the 2012 NC Mechanical Code, Section 605.5. The proposed amendment is as follows:

Add 605.5 International Plumbing Code Reference in Chapter 15 of IMC

Motion – Cindy Browning/Second – Mack Nixon/Granted – The request was granted unanimously and sent to the Mechanical Committee for review.

Item B – 3 Request by Robert Hall, Loganville, Georgia, to amend the 2012 NC Mechanical Code, Section 1202.5. The proposed amendment is as follows:

Table 1202.5 Hydronic Pipe Fittings

Material	Standard
Copper & Copper Alloy	ASME B16.15; ASME B16.18; ASME B16.22; ASME B16.23; ASME B16.26; ASME B16.29; <u>ASME B16.51</u>

Motion – Cindy Browning/Second – John Hitch/Granted – The request was granted unanimously and sent to the Mechanical Committee for review.

Item B – 4 Request by Robert Hall, Loganville, Georgia, to amend the 2012 NC Mechanical Code, Section 1203.8. The proposed amendment is as follows:

1203.8 Copper and copper alloy tubing. Joints between copper or copper-alloy tubing or fittings shall be brazed, mechanical, press connect or soldered joints conforming to Section 1203.3 or flared joints conforming to Section 1203

[Note: Above language differs slightly from Code language]

Motion – Cindy Browning/Second – Ralph Euchner/Granted – The request was granted unanimously and sent to the Mechanical Committee for review.

Item B – 5 Request by Robert Hall, Loganville, Georgia, to amend the 2012 NC Mechanical Code, Section 1203.3.9. The proposed amendment is as follows:

1203.3.9 Press connect joints. Press connect joints shall be installed in accordance with the manufacturers instruction. Press-connect joints shall conform to one of the standards listed in Table 1202.2.

Motion – Cindy Browning/Second – Mack Nixon/Granted – The request was granted unanimously and sent to the Mechanical Committee for review.

Item B – 6 Request by Robert Hall, Loganville, Georgia, to amend the 2012 NC Plumbing Code, Section 605.5. The proposed amendment is as follows:

Table 605.5 Pipe Fittings

Materials	Standards
Copper and Copper Alloys	ASME B16.15; ASME B16.18; ASME B16.22; ASME B16.23; ASME B16.26; ASME B16.29; <u>ASME B16.51</u>

Motion – Cindy Browning/Second – Ralph Euchner/Granted – The request was granted unanimously and sent to the Mechanical Committee for review.

Item B – 7 Request by Robert Hall, Loganville, Georgia, to amend the 2012 NC Plumbing Code, Section 605.15. The proposed amendment is as follows:

605.15 Copper Tubing

605.15.5 Press Connect Joints. Press connect joints shall be installed in accordance with the manufacturer’s instructions. Press-connect joints shall conform to one of the standards listed in Table 605.5.

Motion – Mack Nixon /Second – Cindy Browning/Granted – The request was granted unanimously and sent to the Mechanical Committee for review.

Item B – 8 Request by Alan Meeks, with The Marwin Company, Inc., to amend the 2012 NC Residential Code, Section R302.5.1. The proposed amendment is as follows:

R302.5.1 Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1³/₈ inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 1³/₈ inches (35 mm) thick, or 20-minute fire-rated doors.

Exception: A disappearing/pull-down stairway to uninhabited attic space with minimum 3/8-inch (9.53 mm) (nominal) fire retardant-treated structural panel is deemed to meet Table R302.6 Dwelling/Garage Separation of not less than 1/2-inch (12.7 mm) gypsum board or equivalent applied to garage side.

Motion – David Smith /Second – Mack Nixon/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B – 9 Request by Gene Washington, Raleigh, NC, to amend the 2012 NC Residential Code, Section R321.4. The proposed amendment is as follows:

R321.4 Certification. ~~The installer shall certify that the following conditions have been met.~~ A QEI certified elevator inspector shall certify that the following conditions have been met.

[Note: Section number does not match that of the current code.]

This petition was denied by the Council.

Item B-10 Request by Scott McKinnon, with Comfort Solutions Incorporated, to amend the 2012 NC Energy Conservation Code, Section 403.1.2. The proposed amendment is as follows:

403.1.2 Heat pump supplementary heat (Mandatory Requirements). Heat pumps having supplementary electric-resistance heat shall have controls that, except during defrost, prevent supplemental heat operation when the heat pump compressor can meet the heating load. In lieu of a heat strip outdoor temperature lockout, the following time and temperature electric-resistance control may be used. After six minutes of compressor run time in heat mode, supplemental electric heat shall energize only if the leaving air temperature from the indoor coil is below 90°F. If the indoor coil leaving air temperature exceeds 100°F, supplemental heat will automatically de-energize, but allow the compressor to continue to operate until the call is satisfied. No thermostat shall initiate supplemental electric heat at any time. Thermostat controlled emergency heat shall not be limited by outdoor temperature. Electric-resistance supplemental heat during defrost shall operate normally without limitation.

Motion – Mack Nixon /Second – Ralph Euchner/Granted – The request was granted unanimously and sent to the Energy and Mechanical Committees for review.

Item B-11 Request by Joe Mattingly, Air-Conditioning, Heating, and Refrigeration Institute, to amend the 2012 NC Energy Conservation Code, 501.1 Scope. The proposed amendment is as follows:

501.1 Scope. The requirements contained in this chapter are applicable to commercial buildings, or portions of commercial buildings. These commercial buildings shall either:

1. Meet the requirements contained in this chapter, or
2. ~~Comply with the mandatory provisions of 2007 ASHRAE/IESNA Standard 90.1, *Energy Standard for Buildings Except for Low Rise Residential Buildings* and exceed the minimum level of energy efficiency it prescribes by 20% following the procedure in ASHRAE/IESNA Standard 90.1, Appendix G.~~ Meet the requirements of ASHRAE/IESNA Standard 90.1-2010.

Motion – Mack Nixon /Second – Bob Ruffner/Granted – The request was granted unanimously and sent to the Energy Committee for review.

Item B-12 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Section R313.1. The proposed amendment is as follows:

R313.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in *townhouses*.

Exceptions:

1. Townhouses constructed with a common 2-hour fire-resistance-rated wall assembly or separated from each other by wall or floor assemblies having not less than a 1-hour fire resistance rating tested in accordance with ASTM E 119 or UL 263 provided such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. The wall(s) shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Electrical installations in the separation walls shall be installed in accordance with the NC Electrical Code Chapters 34 through 43. Penetrations for electrical outlet boxes shall be in accordance with Section R302.4.
2. An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed.

Motion – David Smith /Second – Ralph Euchner/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-13 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Sections R322.2.1 and R322.3.2. The proposed amendment is as follows:

2012 NC Residential Code – Proposed Revisions to R322 Regarding Flood Elevation Design Requirements

R322.2.1 Elevation requirements.

1. Buildings and structures shall have the lowest floors elevated to or above the base flood elevation ~~plus one foot (305 mm)~~, or the design flood elevation, whichever is higher.
2. In areas of shallow flooding (AO Zones), buildings and structures shall have the lowest floor (including basement) elevated at least as high above the highest adjacent grade as the depth number specified in feet (mm) on the FIRM ~~plus one foot (305 mm)~~, or at least 3 feet (915 mm) if a depth number is not specified.
3. Basement floors that are below grade on all sides shall be elevated to or above the base flood elevation ~~plus one foot (305 mm)~~, or the design flood elevation, whichever is higher.

Exception: Enclosed areas below the design flood elevation, including basements whose floors are not below grade on all sides, shall meet the requirements of Section R322.2.2.

R322.3.2 Elevation requirements.

1. All buildings and structures erected within coastal high hazard areas shall be elevated so that the lowest portion of all structural members supporting the lowest floor, with the exception of mat or raft foundations, piling, pile caps, columns, grade beams and bracing, is:
 - 1.1. Located at or above the design flood elevation, if the lowest horizontal structural member is oriented parallel to the direction of wave approach, where parallel shall mean less than or equal to 20 degrees (0.35 rad) from the direction of approach, or
 - 1.2. Located at the base flood elevation ~~plus 1 foot (305 mm)~~, or the design flood elevation, whichever is higher, if the lowest horizontal structural member is oriented perpendicular to the direction of wave approach, where perpendicular shall mean greater than 20 degrees (0.35 rad) from the direction of approach.
2. Basement floors that are below grade on all sides are prohibited.
3. The use of fill for structural support is prohibited
4. Minor grading, and the placement of minor quantities of fill, shall be permitted for landscaping and for drainage purposes under and around buildings and for support of parking slabs, pool decks, patios and walkways.

Exception: Walls and partitions enclosing areas below the design flood elevation shall meet the requirements of Sections R322.3.4 and R322.3.5.

Motion – David Smith /Second – Mack Nixon/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-14 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Table R403.1. The proposed amendment is as follows:

2012 NC Residential Code (NCRC) – Proposed Revisions to Table R403.1 Regarding Minimum Allowable Footing Widths

**TABLE R403.1
MINIMUM WIDTH OF CONCRETE OR
MASONRY FOOTINGS (inches)***

	LOAD-BEARING VALUE OF SOIL (psf)			
	1,500	2,000	3,000	4,000
Conventional light-frame construction				
1-story	<u>12</u> 16 ^b	<u>12</u> 16 ^b	12	12
2-story	<u>15</u> 16 ^b	<u>12</u> 16 ^b	12	12
3-story	23	17	12	12
4-inch brick veneer over light frame or 8-inch hollow concrete masonry				
1-story	<u>12</u> 16 ^b	<u>12</u> 16 ^b	12	12
2-story	21	16	12	12
3-story	32	24	16	12
8-inch solid or fully grouted masonry				
1-story	16	<u>12</u> 16 ^b	12	12
2-story	29	21	14	12
3-story	42	32	21	16

For SI: 1-inch = 25.4 mm, 1 pound per square foot = 0.0479 kPa.

- a. Where minimum footing width is 12 inches, use of a single wythe of solid or fully grouted 12-inch nominal concrete masonry units is permitted.
- b. ~~A minimum footing width of 12" is acceptable for monolithic slab foundations.~~

Motion – David Smith /Second – Lon McSwain/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-15 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Section R403.1.4. The proposed amendment is as follows:

R403.1.4 Minimum depth. All exterior footings and foundation systems shall extend below the frost line specified in Table R301.2(1). In no case shall the bottom of the exterior footings be less than 12 inches below the ~~undisturbed ground surface or engineered fill~~ finished grade.

Exception: Frost protected footings constructed in accordance with Section R403.3 and footings and foundations erected on solid rock shall not be required to extend below the frost line.

Motion – David Smith /Second – Lon McSwain – Motion to amend – Mack Nixon/Seconded - Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-16 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Table R502.3.3(2) Footnotes. The proposed amendment is as follows:

Table R502.3.3(2) Footnotes:

- a. Spans are based on No. 2 Grade lumber of Douglas fir-larch, hem-fir, southern pine, and spruce-pine-fir for repetitive (3 or more) members.
- b. Ratio of backspan to cantilever span shall be at least 2:1.
- c. Connections capable of resisting the indicated uplift force shall be provided at the backspan support.
- d. Uplift force is for a backspan to cantilever span ratio of 2:1. Tabulated uplift values are permitted to be reduced by multiplying by a factor equal to 2 divided by the actual backspan ratio provided (2/backspan ratio).
- e. A full-depth rim joist shall be provided at the ~~unsupported end of the cantilever joists~~ cantilever end of the joists. Solid blocking shall be provided at the ~~supported end~~ cantilever support.
- f. Linear interpolation shall be permitted for ground snow loads other than shown.

Motion – David Smith /Second – Ralph Euchner/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-17 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Section R506.2.3. The proposed amendment is as follows:

R506.2.3 Vapor retarder. A 6 mil (0.006 inch; 152 μ m) polyethylene or *approved* vapor retarder with joints lapped not less than 6 inches (152 mm) shall be placed between the concrete floor slab and the base course or the prepared subgrade where no base course exists.

Exception: The vapor retarder may be omitted:

1. From detached garages, utility buildings and other unheated *accessory structures*.
2. For unheated storage rooms having an area of less than 70 square feet (6.5 m²) and carports.
3. From driveways, walks, patios and other exterior flatwork ~~not likely to be enclosed and heated at a later date~~.
4. Where *approved* by the *building official*, based on local site conditions.
5. From attached garages where floor space at parking level is unheated.

Motion – David Smith /Second – Ralph Euchner – Motion to amend – John Hitch/Second – David Smith. The request was granted unanimously and sent to the Residential Committee for review.

Item B-18 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Table R602.10.4.2 Footnotes. The proposed amendment is as follows:

Table R602.10.4.2 Footnotes:

- a. Interpolation shall be permitted.
- b. ~~Braced wall panels using wood structural panel (WSP) sheathing on both sides may be used to reduce the panel lengths shown by 50 percent.~~

Motion – Steve Knight/Second – David Smith/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-19 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Section R703.7.6. The proposed amendment is as follows:

R703.7.6 Weepholes. Weepholes shall be provided in the outside wythe of masonry walls at a maximum spacing of ~~33~~ 48 inches (~~838~~ 1219 mm) on center. Weepholes shall not be less than 3/16 inches (5 mm) in diameter. Weepholes shall be located immediately above the flashing.

Motion – David Smith/Second – Mack Nixon/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-20 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Section R905.2.6. The proposed amendment is as follows:

R905.2.6 Attachment. Asphalt shingles shall have the minimum number of fasteners required by the manufacturer, but not less than four fasteners per strip shingle or two fasteners per individual shingle. Where the roof slope exceeds 21 units vertical in 12 units horizontal (21:12, 175 percent slope), shingles shall be installed as required by the manufacturer.

Exceptions: Asphalt strip shingles shall have a minimum of six fasteners per shingle where the roof is in one of the following categories:

1. The basic wind speed in accordance with Figure R301.2(4) is 110 miles per hour (177 km/hr) or greater and the eave is 20 feet (6096 mm) or higher above grade.
2. The basic wind speed in accordance with Figure R301.2(4) is 120 miles per hour (193 km/hr) or greater.
3. Special mountain regions in accordance with Figure R301.2(4) that meet exceptions 1 or 2 above.

Motion – David Smith/Second – Steve Knight/Granted – The request was granted unanimously and sent to the Residential Committee for review.

Item B-21 Request by David Smith, NC BCC, to amend the 2012 NC Residential Code, Section R602.10. The proposed amendment is as follows:

R602.10 Wall bracing. Buildings shall be braced in accordance with this section. Where a building, or portion thereof, does not comply with one or more of the bracing requirements in this section, those portions shall be designed and constructed in accordance with Section R301.1.

Exceptions:

1. Detached one- and two-family *dwelling*s located in Seismic Design Category C are exempt from the seismic bracing requirements of this section. Wind speed provisions for bracing shall be applicable to detached one- and two-family *dwelling*s.
2. As an alternative to the wall bracing requirements of the 2012 NC Residential Code (NCRC), Section R602.10, compliance with the 2009 NCRC wall bracing requirements is acceptable. The alternate shall require compliance with the 2009 NCRC, Sections R602.10 through R602.11.3 including other referenced sections as applicable and as follows:
 - a. 2009 NCRC, Section R301.2.2.2.1
 - b. 2009 NCRC, Figure R403.1(1)
 - c. 2009 NCRC, Section R403.1.6
 - d. 2009 NCRC, Table R602.3(1)
 - e. 2009 NCRC, Table R602.3(3)
 - f. 2009 NCRC, Table R602.3(4)
 - g. 2009 NCRC, Table R702.3.5
 - h. 2009 NCRC, Table R703.4
 - i. 2009 NCRC, Section 703.6

Substitute Language - 2. In lieu of the wall bracing requirements of Section 602.10, all stories shall be sheathed with wood structural sheathing panels. Blocking shall be installed if less than 50 percent of the wall length is sheathed. Where blocking is required, all panels shall be fastened at 3 inches (76 mm) on center along the edges and 6 inches (152 mm) on center at intermediate framing. If a wall is sheathed less than 25 percent of its length, then that wall shall be designed in accordance with approved engineering practice.

Motion for temporary and permanent rule – David Smith/Second – Mack Nixon/Granted – The request for substitute language was granted and sent to the Residential Committee for review.

Item B-22 Request by David Smith, NC BCC, to amend the 2012 NC Mechanical Code, Table 604.4. The proposed amendment is as follows:

**TABLE 603.4
DUCT CONSTRUCTION MINIMUM SHEET METAL THICKNESS FOR SINGLE DWELLING UNITS**

DUCT SIZE	GALVANIZED		Appropriate Aluminum B & S Gauge ALUMINUM MINIMUM THICKNESS (in.)
	Minimum thickness (in.)	Equivalent galvanized gauge gage no.	
Round ducts and Enclosed rectangular ducts			
14 inches or less	<u>0.013</u> 0.0157	<u>30</u> 28	<u>26</u> 0.0175
Over 14" 16 and 18 inches	<u>0.016</u> 0.0187	<u>28</u> 26	<u>24</u> 0.018
20 inches and over	0.0236	24	0.023
Exposed rectangular ducts			
14 inches or less	<u>0.016</u> 0.0157	28	<u>24</u> 0.0175
Over 14 inches ^a	<u>0.019</u> 0.0187	26	<u>22</u> 0.018

For SI: 1 inch = 25.4 mm, 1 inch water gage = 249 Pa.

a. ~~For duct gages and reinforcement requirements at static pressure of ½ inch, 1 inch and 2 inch w.g., SMACNA HVAC Duct Construction Standards, Tables 2-1, 2-2, and 2-3, shall apply.~~

Motion for temporary and permanent rule – Ralph Euchner/Second – Mack Nixon/Granted – The request for substitute language was granted and sent to the Mechanical Committee for review.

Part C – Notice of Rulemaking Proceedings and Public Hearing

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings has been made. The Public Hearing was held June 11, 2012 and the Final Adoption meeting may take place on or after September 10, 2012. The written public comment period expires on July 16, 2012.

Item C – 1 Request by Christopher Havanas, with GOJO Industries, Inc., to amend the 2012 NC Fire Code, Section 3405.5, number 5. The proposed amendment is as follows:

Section 3405.5 Alcohol-based hand rubs classified as Class I or II liquids. The use of wall-mounted dispensers containing alcohol-based hand rubs classified as Class I or II liquids shall be in accordance with all of the following:

5. Dispensers shall not release their contents except when the dispenser is manually activated.

Exception: Facilities shall be permitted to install and use automatically activated “touch free” alcohol-based hand rub dispensing devices with the following requirements:

1. The facility or persons responsible for the dispensers shall test the dispensers each time a new refill is installed in accordance with the manufacturer’s care and use instructions.

2. Dispensers shall be designed and must operate in a manner that ensures accidental or malicious activations of the dispensing device are minimized. At a minimum, all devices subject to or used in accordance with this section shall have the following safety features:
 - 2.1 Any activations of the dispenser shall occur when an object is placed within 4 inches of the sensing device.
 - 2.2 The dispenser shall not dispense more than the amount required for hand hygiene consistent with the label instructions as regulated by the United States Food and Drug Administration (US FDA).
 - 2.3 An object placed within the activation zone and left in place will cause only one activation.

[Note: No Fiscal Impact]

Chris Havanas, with GOJO Industries, recommends the Council adopt this code change.

Item C – 2 Request by Lon McSwain, NC Building Code Council, to amend the 2012 NC Building Code, Section 1005.1. The proposed amendment is as follows:

1005.1 Minimum required egress width. The *means of egress* width shall not be less than required by this section. The total width of *means of egress* in inches (mm) shall not be less than the total *occupant load* served by the *means of egress* multiplied by 0.3 inch (7.62 mm) per occupant for stairways and by 0.2 inch (5.08 mm) per occupant for other egress components. The width shall not be less than specified elsewhere in this code. Multiple *means of egress* shall be sized such that the loss of any one *means of egress* shall not reduce the available capacity to less than 50 percent of the required capacity. The maximum capacity required from any *story* of a building shall be maintained to the termination of the *means of egress*.

~~Exception: *Means of egress* complying with Section 1028.~~

Exceptions:

1. *Means of egress* complying with Section 1028.

2. For other than Group H and I-2 occupancies, the capacity, in inches (mm), of *means of egress stairways* shall be calculated by multiplying the *occupant load* served by the *stairway* by a *means of egress* capacity factor of 0.2 inch (5.1 mm) per occupant in buildings equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an *emergency voice/alarm communications system* in accordance with Section 907.5.2.2.

3. For other than Group H and I-2 occupancies, the capacity, in inches (mm), of *means of egress* components other than *stairways* shall be calculated by multiplying the *occupant load* served by such components by a *means of egress* capacity factor of 0.15 inch (5.1 mm) per occupant in buildings equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an

emergency voice/alarm communications system in accordance with Section 907.5.2.2.

[Note: No Fiscal Impact]

There were no comments from the public on this item.

Item C – 3 Request by Ralph Euchner, NC Building Code Council, to amend the 2012 NC Fuel Gas Code, Section 310.1.1. The proposed amendment is as follows:

310.1.1 CSST. Corrugated stainless steel tubing (CSST) gas *pipng* systems shall be bonded to the electrical service grounding electrode system ~~at the point where the gas service enters the building.~~ The bonding jumper shall be not smaller than 6 AWG copper wire or equivalent.

[Note: No Fiscal Impact]

There were no comments from the public on this item.

Item C – 4 Request by David Smith, NC Building Code Council, to amend the 2012 NC Residential Code, Section R602.10. The proposed amendment is as follows:

Replace the 2012 NC Residential Code Sections R602.10 through R602.12 with the attached “Revised Wall Bracing Provisions of the 2012 North Carolina Residential Code”.

R602.10-Wall Bracing Document is posted at the following link:

http://www.ncdoi.com/OSFM/Engineering/BCC/engineering_bcc_minutes.asp

There were no comments from the public on this item.

Part D – Final Adoption

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings and Public Hearing has been made.

There were none.

Part E – Reports

Chairman’s Report

No Report

Ad Hoc Committee Reports

-Leon Skinner, the NC Rehab Code Committee Chair, reported that the committee has scheduled meetings for the first Tuesday of every month. He stated that they have been meeting since December 2011 and that they have currently reviewed the code through Chapter 10.

Standing Committee Reports

-David Smith reported that the Residential Standing Committee will likely meet before the September BCC meeting.

-Alan Perdue announced that the Fire Standing Committee will likely meet at the conclusion of the September BCC meeting.

-Lon McSwain announced that the Building Standing Committee will likely meet at the conclusion of the September BCC meeting.

Staff Reports

-Chris Noles gave an update on the new office space for NCDOI – OSFM, and that it is still in process.

-Chris Noles announced that David Conner, NCDOI Staff member, will retire at the end of June.

-Chris Noles introduced new NCDOI Staff member, Melanie Butler, to the Council.

Public Comments

There were none.

Part F – Appeals

Item F – 1 David Faustin – Black Forest – NCDOI

- Appeal hearing was held following the BCC Meeting on Monday, June 11th and continued through Tuesday, June 12th.

Item F – 2 Amarr Garage Doors – NCDOI

- Appeal hearing may be scheduled at the time of the September 2012 BCC Meeting.

Sincerely,



Christian Noles, P.E.
Secretary, NC Building Code Council